

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Currently Amended) The optical ~~filter device~~ according to ~~Claim 4~~ Claim 5, one of the two types of thin films being formed of tantalum pentoxide, and the other being formed of silicon dioxide.
3. (Currently Amended) The optical ~~filter device~~ according to ~~Claim 4~~ Claim 5, one of the two types of thin films being formed of zirconium dioxide, and the other being formed of silicon dioxide.
4. (Currently Amended) The optical ~~filter device~~ according to ~~Claim 4~~ 5, further comprising a light-incident surface having a retardation film disposed adjacent thereto.
5. (Currently Amended) ~~An optical device, comprising:~~ An optical device which is used in an optical apparatus that includes a light modulator to modulate light beams from a light source in accordance with image information to form an optical image, and which is disposed downstream from the light modulator in a light path, the optical filter comprising:
a substrate; and
an optical conversion film, the optical conversion film being disposed on a light-incident surface of the substrate, the optical conversion film including thin films of two types having different refractive indices and being alternately stacked, and the optical conversion film being inclined with respect to the substrate by being continuously thinner from one end to the other end; and
a light source;
a light modulator to modulate light beams from the light source in accordance with image information to form an optical image; and

a projection optical system to enlarge and project the optical image formed at the light modulator; ~~and~~

6. (Currently Amended) The optical device according to ~~Claim 5~~, Claim 5, the projection optical system being used to tilt-and-shift projection in which a central axis of an image-formation area of the light modulator is displaced from an optical axis of the projection optical system, and the optical conversion film becoming continuously thinner in a tilting-and-shifting direction.

7. (Previously Presented) The optical device according to Claim 6, an end, disposed in the tilting-and-shifting direction from the optical axis of the projection optical system, of the optical filter being tilted towards the projection optical system.

8. (Currently Amended) A projector, comprising:
the optical ~~filter device~~ of ~~Claim 4~~ Claim 5.

9. (Currently Amended) An optical device, comprising:
a light source;
a light modulator to modulate light beams from the light source in accordance with image information to form an optical image;

a projection optical system to enlarge and project the optical image formed at the light modulator; and

an optical filter disposed downstream from the light modulator in a light path, the optical filter including:

a substrate; ~~and~~

an optical conversion film, the optical conversion film being disposed on a light-incident surface of the substrate, the optical conversion film including thin films of two types having different refractive indices and being alternately stacked, and the optical filter being tilted for an optical axis of the projection optical ~~system~~ system; ~~and~~

the optical conversion film being inclined with respect to the substrate by
being continuously thinner from one end to the other end.

10. (Previously Presented) A projector, comprising:
the optical device of Claim 9.
11. (Canceled)
12. (New) A projector, comprising:
the optical device of Claim 6.
13. (New) A projector, comprising:
the optical device of Claim 7.